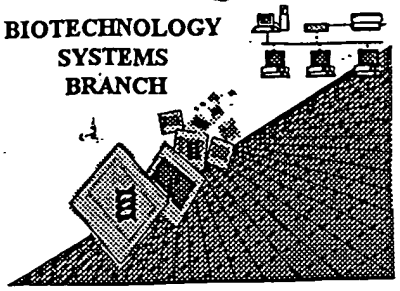
0360 0400 0420

BIOTECHNOLOGY SYSTEMS BRANCH



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/995,938

Source: OIPE

Date Processed by STIC: 12/6/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.
Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
http://www.uspto.gov/web/offices/pac/checker

Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: 09/995,938

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWAR

1	Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
2	Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.
3	Misaligned Amino Numbering	The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
4	Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
5	Variable Length	Sequence(s)____contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
6	PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
7	Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
8	Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000
9	Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
10	Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
11	Use of <220>	Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
12	PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
13	Misuse of n	n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/995,938

DATE: 12/06/2001
TIME: 15:29:29

Input Set : A:\SALKINS.046A.TXT
Output Set: N:\CRF3\12062001\I995938.raw

pp 1-5

Does Not Comply
Corrected Diskette Needed

4 <110> APPLICANT: JOANNE CHORY AND ZHIYONG WANG
6 <120> TITLE OF INVENTION: GENES INVOLVED IN BRASSINOSTEROID
7 HORMONE ACTION IN PLANTS
9 <130> FILE REFERENCE: SALKINS.046A
E> 11 **<140> CURRENT APPLICATION NUMBER: US/09/995,938**
E> 11 **<141> CURRENT FILING DATE: 2001-11-27**
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17 <212> TYPE: DNA
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RAW SEQUENCE LISTING DATE: 12/06/2001
PATENT APPLICATION: US/09/995,938 TIME: 15:29:29

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Output Set: N:\CRF3\12062001\I995938.raw

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RAW SEQUENCE LISTING DATE: 12/06/2001
PATENT APPLICATION: US/09/995,938 TIME: 15:29:29

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RAW SEQUENCE LISTING DATE: 12/06/2001
PATENT APPLICATION: US/09/995,938 TIME: 15:29:29

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199 actgttgatt ctggtcattg gataagcttt cagaagtttg cacaacaaca gccattctct 1020
200 gcctctatgg tgccaacctc tcctaccttc aatcttgtga aacctgcgcc tcagcagatg 1080
201 tctccaaata ctgctgcctt ccaagagatt ggtcaaagct ctgagtttaa atttgagaat 1140
202 agccaagtta aaccctggga aggagagagg atacatgatg tgggtatgga ggatcttgag 1200
203 cttacacttg gaaatgggaa ggctcgtggt tgacataaac aactaggcaa acccaaatgg 1260
204 catgtcattg gaatatgaga aactaatcct cttgagtatt ttcttcttcg tccaggtatt 1320
205 tggatcttta tggaatctca tatgttcttc acttattatc caaatatgct gcccaaagcc 1380
206 ttctccatgg aagcattgga gtgttagagt ggttattcaa ttcatgaatt tggtttcaaa 1440
207 agcattattt gtagat 1456
209 <210> SEQ ID NO: 5

RAW SEQUENCE LISTING DATE: 12/06/2001
PATENT APPLICATION: US/09/995,938 TIME: 15:29:29

Input Set : A:\SALKINS.046A.TXT
Output Set: N:\CRF3\12062001\I995938.raw

210 <211> LENGTH: 1456
211 <212> TYPE: DNA
212 <213> ORGANISM: NUCLEIC ACID
214 <400> SEQUENCE: 5
215 gacccaattt ttacattaga tgaaaaaaat attattattt gttggagaag aaagagagat 60
216 tcttcttctt cgattccagc gaaggaaaag cgtattcctc gtgagcacta acttctcact 120
217 cctctcttct tcttcttcat cagtctacgt tcacacaatc tttcacccac ctattcaaag 180
218 ctctctccgg aagtttcgag gggttggttg ttggttttcc cgatgacttc ggatggagct 240
219 acgtcgacat cagcagctgc agctgcggcg gcggcagcag cggcgaggag gaagccgtcg 300
220 tggagagaaa gggagaataa tcggaggaga gaaagacgga gaagagctgt agctgcgaag 360
221 atatacactg ggcttagagc tcaaggtgat tataatttgc ctaaacattg tgataataat 420
222 gaagtcctta aagctctttg tgttgaagct ggttgggttg ttgaagaaga tggtactact 480
223 tatcgcaagg gatgcaagcc tttacctggt gagatagctg ggacttcatc tcgagtaact 540
224 ccatattcat cacagaacca gagccctctt tcatcagcct ttcaaagtcc catcccatct 600
225 taccaagtta gcccgtcttc ttcatcattc ccgagtcctt ctcgcggtga accaaataac 660
226 aacatgtcct ctacattctt ccctttcctc agaaatggtg gcattccttc ttctcttcct 720
227 tccctcagaa tctcaaacag ttgtccagtt accccaccgg tctcatcgcc gacttctaag 780
228 aacccgaaac cgttgcctaa ctgggaatct atcgctaagc aatccatggc cattgctaaa 840
229 caatcaatgg cgtcttttaa ttatcctttc tatgcggttt ctgcacctgc tagtccgaca 900
230 catcgccacc agtttcatac cctggctact atacctgaat gtgatgagtc tgactcttcc 960
231 actgttgatt ctggtcattg gataagcttt cagaagtttg cacaacaaca gccattctct 1020
232 gcctctatgg tgccaacctc tcctaccttc aatcttgtga aacctgcgcc tcagcagatg 1080
233 tctccaaata ctgctgcctt ccaagagatt ggtcaaagct ctgagtttaa atttgagaat 1140
234 agccaagtta aaccctggga aggagagagg atacatgatg tgggtatgga ggatcttgag 1200
235 cttacacttg gaaatgggaa ggctcgtggt tgacataaac aactaggcaa acccaaatgg 1260
236 catgtcattg gaatatgaga aactaatcct cttgagtatt ttcttcttcg tccaggtatt 1320
237 tggatcttta tggaatctca tatgttcttc acttattatc caaatatgct gcccaaagcc 1380
238 ttctccatgg aagcattgga gtgttagagt ggttattcaa ttcatgaatt tggtttcaaa 1440
239 agcattattt gtagat 1456
241 <210> SEQ ID NO: 6
242 <211> LENGTH: 336
243 <212> TYPE: PRT
244 <213> ORGANISM: AMINO ACID
246 <400> SEQUENCE: 6
247 Met Thr Ser Asp Gly Ala Thr Ser Thr Ser Ala Ala Ala Ala Ala Ala
248 1 5 10 15
249 Ala Ala Ala Ala Ala Arg Arg Lys Pro Ser Trp Arg Glu Arg Glu Asn
250 20 25 30
251 Asn Arg Arg Arg Glu Arg Arg Arg Arg Ala Val Ala Ala Lys Ile Tyr
252 35 40 45
253 Thr Gly Leu Arg Ala Gln Gly Asp Tyr Asn Leu Pro Lys His Cys Asp
254 50 55 60
255 Asn Asn Glu Val Leu Lys Ala Leu Cys Val Glu Ala Gly Trp Val Val
256 65 70 75 80
257 Glu Glu Asp Gly Thr Thr Tyr Arg Lys Gly Cys Lys Pro Leu Pro Gly
258 85 90 95
259 Glu Ile Ala Gly Thr Ser Ser Arg Val Thr Pro Tyr Ser Ser Gln Asn
260 100 105 110
261 Gln Ser Pro Leu Ser Ser Ala Phe Gln Ser Pro Ile Pro Ser Tyr Gln

The types of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

VERIFICATION SUMMARY DATE: 12/06/2001
PATENT APPLICATION: US/09/995,938 TIME: 15:29:30

Input Set : A:\SALKINS.046A.TXT
Output Set: N:\CRF3\12062001\I995938.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date